

We claim:

1. A liquid nutritional composition comprising  $\omega$ -6 fatty acids and at least 5 grams per liter of  $\omega$ -3 fatty acids, and a source of carbohydrate providing from about 40% to about 65% of the total calories of said nutritional.
2. The composition according to claim 1 in which said  $\omega$ -3 fatty acids are present in a quantity of about 5.0 grams to about 100 grams per liter.
3. The composition according to claim 1 in which said  $\omega$ -3 fatty acids are present in a quantity of about 5.0 grams to about 10.0 grams per liter.
4. The composition according to claim 1 which further comprises a source of amino-nitrogen wherein 15 to 50% by weight of the amino-nitrogen is branched-chain amino acids.
5. The composition according to claim 1 which further comprises a nutrient selected from the group consisting of vitamins, minerals, and trace minerals.
6. The composition according to claim 1 which further comprises a source of amino nitrogen wherein 15 to 50% by weight of the amino-nitrogen is branched-chain amino acids and at least one nutrient selected from the group consisting of vitamins, minerals, and trace minerals.